

SERIAL NO: Not Yet Assigned

-4-

REMARKS

Examination of this application as amended is respectfully requested.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attachment is captioned **VERSION WITH MARKINGS TO SHOW CHANGES MADE.**

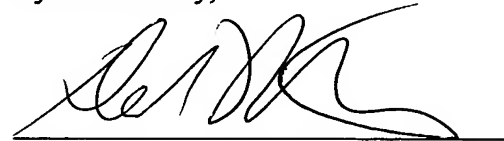
It is believed that this application now is in condition for allowance. Further and favorable action is requested.

The Office is authorized to charge or refund any fee deficiency or excess to Deposit Account No. 12-0755.

Respectfully submitted,

Kenneth James Bunker

By his attorney,



Registration No. 36,937
Robert L. Stearns
5291 Colony Drive North
Saginaw, Michigan 48603
989-799-5300

nrs
enc

20250717 11:33:33

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Substitute the attached one page abstract for the abstract originally filed.

Paragraph beginning at line 1 of page 16 has been amended as follows:

What is claimed is: [CLAIMS : -]

Claim 3 has been amended as follows:

3 (Amended). A method according to claim 1 [or claim 2] characterised by said brake-actuating thrust being generated by a hydraulic piston and cylinder mechanism to which said servo motor supplies hydraulic fluid under pressure.

Claim 4 has been amended as follows:

4 (Amended). A method according to claim 1 [or claim 2] characterised by said servo motor being arranged itself to generate said brake-actuating thrust.

Claim 6 has been amended as follows:

6 (Amended). A braking system of a motor vehicle comprising providing an electrically powered servo motor adapted to generate brake-actuating thrust and characterised by a disc brake comprising at least two brake discs adapted to be axially slidably mounted on a hub, together with associated friction elements interleaved with said discs and said servo motor being arranged to actuate said assembly of brake discs and friction elements to effect braking.

Claim 7 has been amended as follows:

7 (Amended). A system according to claim 5 [or claim 6] characterised by said brake-actuating thrust being generated by a hydraulic piston and cylinder mechanism to which said servo motor supplies hydraulic fluid under pressure.

Claim 8 has been amended as follows:

8 (Amended). A system according to claim 5 [or claim 6] characterised by said servo motor being arranged itself to generate said brake-actuating thrust.

SERIAL NO: Not Yet Assigned

-6-

Claim 9 has been canceled.

Add claims 10-13.

2025-03-03 14:03:03

ABSTRACT

Method and apparatus for controlling the front and rear wheel braking system of a road-going mass-produced motor car or automobile enables provision of brake-by-wire facilities utilizing an electrically-powered servo motor to generate brake-operating thrust which is applied to the interleaved friction elements and twin discs of a disc brake having axially slideable discs and a fixed caliper and disc and friction element-attitude control structure. The brake is of spot-type disc brake construction and the servo motor applies less brake-actuating thrust than is required for a comparable fixed disc and floating caliper construction.

2006250-1068001